Doc. Ref. AR10 Appl. No. 08/874,460

## PATENT COOPERATION TRE

# **PCT**

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		Transmittal of International Search Report			
325800-468	ACTION	(Form PCT/ISA/220	)) as well as, where applicable, item 5 below.			
International application No.	International filing date	(day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/US95/09058	23 JUNE 1995		05 MAY 1995			
Applicant HUMAN GENOME SCIENCES, IN	c.					
according to Article 18. A copy is be	ing transmitted to the Inter-	national Bureau.	thority and is transmitted to the applicant			
This international search report consi			eport.			
1. Certain claims were found	i unsearchable (See Box I	<b>.</b>	t.			
2. X Unity of invention is lacki	ng (See Box II).		•			
3. X The international application international search was care			amino acid sequence listing and the			
X	filed with the internationa	application.				
i i i	furnished by the applicant	separately from the	international application,			
	3 1	•	ent to the effect that it did not include matter ne international application as filed.			
	transcribed by this Author	ity.				
4. With regard to the title, X	the text is approved as sul	omitted by the applic	ant.			
	the text has been establish	ed by this Authority	to read as follows:			
5 150						
5. With regard to the abstract,						
	the text is approved as sub	mitted by the applic	ant.			
·		may, within one	e 38.2(b), by this Authority as it appears nonth from the date of mailing of this this Authority.			
6. The figure of the drawings to be published with the abstract is:						
Figure No.	as suggested by the applica	ant.	X None of the figures.			
Ħ	because the applicant faile	d to suggest a figure				
	because this figure better of	haracterizes the inve	ention.			

#### INTERNATION / SEARCH REPOR

Jernational application No.
PCT/US95/09058

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)					
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:					
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:					
2. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:					
Claims Nos.:  because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).					
Box II Observations where unity of invention is tacking (Continuation of item 2 of first sheet)					
This International Searching Authority found multiple inventions in this international application, as follows:					
Please See Extra Sheet.					
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.					
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.					
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:					
4. X No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-14 and 17					
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.					

# INTERNATIO. È SEARCH REPORT

nernational application No. PCT/US95/09058

IPC(6) US CL	SSIFICATION OF SUBJECT MATTER :C07K 16/24; C07K 14/52; C12N 1/20, 15/09, 15 :536/23.1; 530/351; 435/69.1, 252.3, 320.1; 514/	12				
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols)  U.S.: 536/23.1; 530/351; 435/69.1, 252.3, 320.1; 514/12						
Documenta	tion searched other than minimum documentation to	he extent that such docu	uments are included	d in the fields searched		
Floateonia	lete have accounted during the investment of		<del></del>	· · · · · · · · · · · · · · · · · · ·		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  APS, CAS ONLINE, MEDLINE, BIOSIS, SCISEARCH search terms: chemokines, beta-8, beta-1, macrophage inflammatory protein-4, production or isolation, treatment, therapy.						
C. DOC	CUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where	appropriate, of the rele	vant passages	Relevant to claim No.		
А	FEBS LETTERS, Volume 360, issued 1995, Yoshida et al, "Molecular Cloning of a Novel C or Gamma Type Chemokine, SCM-1", pages 155-159, see page 155, column 1, see abstract.			1-14		
Á	THE JOURNAL OF BIOLOGICAL CHEMISTRY, Volume 269, Number 41, issued 14 October 1994, Chang et al, "Cloning and Characterization of the Human Neutrophil-activating Peptide (ENA-78) Gene", pages 25277-25282, see page 25277, column 2, lines 10-21.			1-14		
A	GENE, Volume 151, issued 1994, Power et al, "Cloning of a Full-length cDNA Encoding the Neutrophil-activating Peptide ENA-78 from Human Platelets", pages 333-334, see page 333, see abstract.					
X Further documents are listed in the continuation of Box C. See patent family annex.						
Special categories of cited documents:  'T' Inter document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention						
"E" carlier document published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other						
special reason (as specified)  "Y"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art						
*P* document published prior to the international filing date but later than the priority date claimed document member of the same patent family						
Date of the actual completion of the international search  18 SEPTEMBER 1995  Date of mailing of the international search report  19 OCT 1995						
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231  Authorized officer PREMA MERTZ						
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### INTERNATIOI - SEARCH REPORT

ternational application No. PCT/US95/09058

C (Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVAN	NT	•
Category*	Citation of document, with indication, where appropriate	Relevant to claim No	
A	BIOCHEMISTRY, Volume 33, issued 1994, "Purification, Sequence Analysis, and Biolog of a Second Bovine Monocyte Chemotactic P 1B)", pages 13406-13412, see page 13406, contractions of the second Bovine Monocyte Chemotactic P 1B)", pages 13406-13412, see page 13406, contractions of the second Bovine Monocyte Chemotactic P 1B)", pages 13406-13412, see page 13406, contractions of the second Bovine Bovin	1-14	
A	GENE, Volume 151, issued 1994, Johnson II Two Rabbit GRO Homologues and Their Exp Macrophages", pages 337-338, see page 338,	1-14, 17	
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